PrzemysÅ‚aw B RadwaÅ„ski

List of Publications by Year
in descending order

27 papers	450 citations	623734 14 h-index	713466 21 g-index
27 all docs	27 docs citations	27 times ranked	652 citing authors

#	Article	IF	Citations
1	â€˜Ryanopathyâ€™: causes and manifestations of RyR2 dysfunction in heart failure. Cardiovascular Research, 2013, 98, 240-247.	3.8	57
2	Neuronal Na+ channel blockade suppresses arrhythmogenic diastolic Ca2+ release. Cardiovascular Research, 2015, 106, 143-152.	3.8	38
3	The CaMKII inhibitor KN93-calmodulin interaction and implications for calmodulin tuning of NaV1.5 and RyR2 function. Cell Calcium, 2019, 82, 102063.	2.4	34
4	Enhancement of Cardiac Store Operated Calcium Entry (SOCE) within Novel Intercalated Disk Microdomains in Arrhythmic Disease. Scientific Reports, 2019, 9, 10179.	3.3	33
5	Gene Transfer of Engineered Calmodulin Alleviates Ventricular Arrhythmias in a Calsequestrinâ€Associated Mouse Model of Catecholaminergic Polymorphic Ventricular Tachycardia. Journal of the American Heart Association, 2018, 7, .	3.7	32
6	Vascular endothelial growth factor promotes atrial arrhythmias by inducing acute intercalated disk remodeling. Scientific Reports, 2020, 10, 20463.	3.3	32
7	Neuronal Na+ Channels Are Integral Components of Pro-Arrhythmic Na+/Ca2+ Signaling Nanodomain That Promotes Cardiac Arrhythmias During Î²-Adrenergic Stimulation. JACC Basic To Translational Science, 2016, 1, 251-266.	4.1	31
8	Tetrodotoxin-sensitive Navs contribute to early and delayed afterdepolarizations in long QT arrhythmia models. Journal of General Physiology, 2018, 150, 991-1002.	1.9	25
9	Muscarinic Stimulation Facilitates Sarcoplasmic Reticulum Ca Release by Modulating Ryanodine Receptor 2 Phosphorylation Through Protein Kinase G and Ca/Calmodulin-Dependent Protein Kinase II. Hypertension, 2016, 68, 1171-1178.	2.7	21
10	Inhibition of Na+ channels ameliorates arrhythmias in a drug-induced model of Andersen-Tawil syndrome. Heart Rhythm, 2013, 10, 255-263.	0.7	19
11	Cytosolic calcium accumulation and delayed repolarization associated with ventricular arrhythmias in a guinea pig model of Andersen-Tawil syndrome. Heart Rhythm, 2010, 7, 1428-1435.e1.	0.7	18
12	NCX is an important determinant for premature ventricular activity in a drug-induced model of Andersenâ€“Tawil syndrome. Cardiovascular Research, 2011, 92, 57-66.	3.8	18
13	Store-dependent deactivation: Cooling the chain-reaction of myocardial calcium signaling. Journal of Molecular and Cellular Cardiology, 2013, 58, 77-83.	1.9	17
14	Neuronal sodium channels: emerging components of the nanoâ€machinery of cardiac calcium cycling. Journal of Physiology, 2017, 595, 3823-3834.	2.9	17
15	Super-Resolution Imaging Using a Novel High-Fidelity Antibody Reveals Close Association of the Neuronal Sodium Channel Na_V1.6 with Ryanodine Receptors in Cardiac Muscle. Microscopy and Microanalysis, 2020, 26, 157-165.	0.4	16
16	The role of luminal Ca regulation in Ca signaling refractoriness and cardiac arrhythmogenesis. Journal of General Physiology, 2017, 149, 877-888.	1.9	15
17	Cardiac Arrhythmias as Manifestations of Nanopathies: An Emerging View. Frontiers in Physiology, 2018, 9, 1228.	2.8	10
18	Sub-cellular Electrical Heterogeneity Revealed by Loose Patch Recording Reflects Differential Localization of Sarcolemmal Ion Channels in Intact Rat Hearts. Frontiers in Physiology, 2018, 9, 61.	2.8	5

#	Article	IF	Citations
19	Tetrodotoxinâ€Sensitive Neuronalâ€Type Na ⁺ Channels: A Novel and Druggable Target for Prevention of Atrial Fibrillation. Journal of the American Heart Association, 2020, 9, e015119.	3.7	5
20	Clinical and Economic Outcomes of Ranolazine Versus Conventional Antianginals Users Among Veterans With Chronic Stable Angina Pectoris. American Journal of Cardiology, 2018, 122, 1809-1816.	1.6	4
21	Sodium channel clusters: harmonizing the cardiac conduction orchestra. Journal of Physiology, 2018, 596, 549-550.	2.9	3
22	Structural and Molecular Bases of Sarcoplasmic Reticulum Ion Channel Function. , 2018, , 60-65.		0
23	Multiscale, Multimodal Imaging of Structure and Function Reveals Mechanisms of Normal and Abnormal Cardiac Physiology. Microscopy and Microanalysis, 2020, 26, 836-837.	0.4	0
24	Abstract 17019: Two Distinct mechanisms by which Na+/Ca2+ dysregulation contributes to Arrhythmogenic Diastolic Ca2+ Release. Circulation, 2014, 130, .	1.6	0
25	Neuronal Na + Channels as a Novel Cardiac Antiarrhythmic Target. FASEB Journal, 2015, 29, 1025.13.	0.5	0
26	Abstract 18111: Flecainide Exerts its Antiarrhythmic Action in CPVT Through Blockade of Neuronal Na+ channel-mediated Arrhythmogenic Diastolic Ca2+ Release. Circulation, 2015, 132, .	1.6	0
27	Mutant D96V calmodulin induces unexpected remodeling of cardiac nanostructure and physiology. Journal of General Physiology, 2022, 154, .	1.9	0